

Converting Colors

XYZ(20.9599, 21.9602, 9.1299)

Have a look what the booklet for
XYZ(20.9599, 21.9602, 9.1299)
contains.

XYZ(20.9394, 21.9296, 9.0904)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(20.9394, 21.9296,
9.0904)**

Conversions

Conversions Part 1

Format	Color
Hex	947F47
RGB	148, 127, 71
RGB Percent	58%, 50%, 28%
CMY	0.4196, 0.5019, 0.7216
CMYK	0.00, 0.14, 0.52, 0.42
HSL	44°, 35%, 43%
HSV	44°, 52%, 58%
XYZ	20.9394, 21.9296, 9.0904
YIQ	126.8950, 30.4920, -12.9640

Conversions

Conversions Part 2

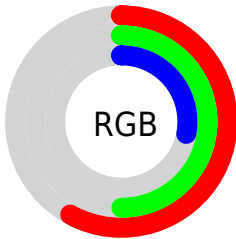
Format	Color
R_{YB}	100, 148, 71
Decimal	9731911
CIE _{Lab}	53.95, 0.46, 33.20
CIE _{LCh}	54, 33.199, 89.203
Yxy	21.9296, 0.4030, 0.4221
Android (android.graphics.Color)	4287921991 (0xFF947F47)
YUV	126.8950, -27.5562, 18.5091
Hunter-Lab	46.8291, -2.1354, 21.2710

Details

The XYZ color **20.9394, 21.9296, 9.0904** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **11.7707, 11.1314, 29.5449**, and the grayscale version is **20.2215, 21.2746, 23.1680**.

A 20% lighter version of the original color is **44.6743, 46.8604, 24.7795**, and **7.6086, 7.9476, 1.9972** is the 20% darker color. If you saturate the color by 10%, you get **20.0105, 20.7415, 6.7161**, and if you desaturate by 10%, it is **22.0060, 23.2078, 12.0819**.

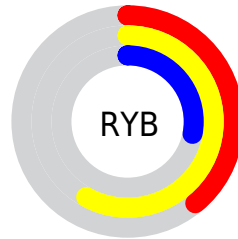
Distribution



Red (58%)

Green (50%)

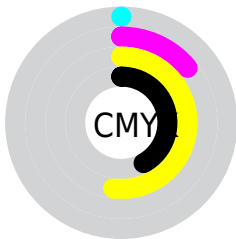
Blue (28%)



Red (39%)

Yellow (58%)

Blue (28%)

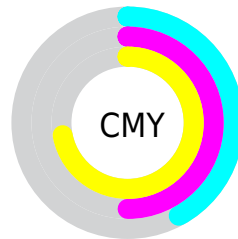


Cyan (0%)

Magenta (14%)

Yellow (52%)

Black (42%)



Cyan (42%)

Magenta (50%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.9394, 21.9296, 9.0904 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 20.9394, 21.9296, 9.0904 by changing the saturation by 10% instead.

■ 20.9394, 21.9296,
9.0904

■ 20.9394, 21.9296,
9.0904

249.6941,
262.1784, 194.2937

■ 13.1919, 13.8052,
4.7026

■ 44.4787, 46.6296,
24.6505

■ 7.6387, 7.9853,
2.0182

■ 61.0012, 63.9740,
36.6598

■ 3.9145, 4.0855,
0.5664

■ 81.1795, 85.1605,
52.0467

■ 1.6539, 1.7215,
0.0000

■ 105.3788,
110.5735, 71.2297

■ 0.4271, 0.4375,
0.0000

■ 133.9646,
140.5974, 94.6273

■ 0.0000, 0.0000,
0.0000

167.3021,

175.6166, 122.6582

205.7569,
216.0154, 155.7408

■ 20.9394, 21.9296,
9.0904

■ 20.9394, 21.9296,
9.0904

■ 20.0105, 20.7415,
6.7161

■ 22.0060, 23.2078,
12.0819

■ 19.2088, 19.6365,
4.9126

■ 23.2166, 24.5766,
15.7298

■ 18.5250, 18.6113,
3.6289

■ 24.5790, 26.0402,
20.0718

■ 17.9472, 17.6607,
2.8044

■ 26.0999, 27.6018,
25.1420

■ 17.5377, 16.9461,
2.3466

■ 27.7856, 29.2642,
30.9726

■ 29.6420, 31.0302,
37.5936

■ 31.6748, 32.9023,
45.0336

■ 33.8893, 34.8830,
53.3195

■ 36.2906, 36.9747,
62.4772

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



24.5710, 21.9296, 10.6295



20.9394, 21.9296, 9.0904



17.6615, 21.9296, 10.4703

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



20.9394, 21.9296, 9.0904



15.3927, 21.9296, 34.8477



27.3344, 21.9296, 35.4629

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



20.9394, 21.9296, 9.0904



11.7707, 11.1314, 29.5449

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



24.3862, 21.9296, 45.5560



20.9394, 21.9296, 9.0904



17.5133, 21.9296, 45.1351

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



20.9394, 21.9296, 9.0904



14.6893, 21.9296, 23.6042



20.7477, 21.9296, 49.5178



28.5133, 21.9296, 24.1531

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



20.9394, 21.9296, 9.0904



16.0538, 21.9296, 13.1725



20.7477, 21.9296, 49.5178



26.5019, 21.9296, 39.2169

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



20.9399, 21.9306, 9.0908



44.8651, 47.4980, 40.3600



16.4337, 11.5896, 11.6844



10.1286, 10.7265, 8.8366



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



20.9399, 21.9306, 9.0908



35.1247, 36.3536, 11.4127



21.1364, 26.4852, 9.9596



6.1331, 6.4799, 6.1680



15.0035, 14.5215, 2.0122



0.2082, 0.2269, 0.0328

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



11.7707, 11.1314, 29.5449



17.2069, 15.2810, 51.4772



11.5932, 8.7041, 29.0857



5.6205, 5.8751, 7.3075



5.2445, 3.1837, 24.2691



0.0861, 0.0827, 0.3043

Previews

White Background



This preview shows how the XYZ color 20.9394, 21.9296, 9.0904 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 20.9394, 21.9296, 9.0904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

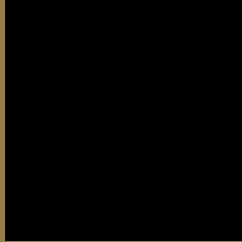
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.9394, 21.9296, 9.0904

Background



This preview shows how black text looks on a background with the XYZ color 20.9394, 21.9296, 9.0904.



This preview shows how white text looks on a background with the XYZ color 20.9394, 21.9296,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

20.9394, 21.9296, 9.0904

Protanopia

20.1753, 21.9192, 9.2984

Deuteranopia

22.3532, 21.9029, 9.1804



Tritanopia

23.8826, 21.8170, 24.0714

Trichromacy



Original Color

20.9394, 21.9296, 9.0904

Protanomaly

20.3905, 21.8355, 9.2709

Deuteranomaly

21.7038, 21.7532, 9.1858

Tritanomaly

22.6058, 21.8494, 17.4939

Monochromacy



Original Color

20.9394, 21.9296, 9.0904

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

20.2349, 21.3912, 16.9723

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.9394, 21.9296, 9.0904 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(148, 127, 71)` looks like.

```
.text, #text, p{  
    color:rgb(148, 127, 71)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(148, 127, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 127, 71) }
```

Border

The CSS property to change the border of an element to XYZ 20.9394, 21.9296, 9.0904 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(148, 127, 71) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(148, 127, 71) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(148, 127, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 127, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 127, 71);  
box-shadow:4px 4px 4px 4px rgb(148, 127,  
71) }
```

Background

The CSS property to change the background color of an element to XYZ 20.9394, 21.9296, 9.0904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 127, 71) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(148,  
127, 71) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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